

WEST[Help](#)[Logout](#)[Interrupt](#)[Main Menu](#)[Search Form](#)[Posting Counts](#)[Show \\$ Numbers](#)[Edit \\$ Numbers](#)[Preferences](#)**Search Results -**

Terms	Documents
metoclopramide and (spray or intranasally or inhalation) and "gastric motility"	15

[US Patents Full-Text Database](#)
[US Pre-Grant Publication Full-Text Database](#)
[JPO Abstracts Database](#)
[EPO Abstracts Database](#)
[Derwent World Patents Index](#)

Database: [IBM Technical Disclosure Bulletins](#)

Refine Search:

metoclopramide and (spray or
intranasally or inhalation) and "gastric
motility"

[Clear](#)**Search History****Today's Date: 1/25/2002**

<u>DB Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
USPT,PGPB,JPAB,EPAB,DWPI	metoclopramide and (spray or intranasally or inhalation) and "gastric motility"	15	L11
USPT,PGPB,JPAB,EPAB,DWPI	metoclopramide and spray and "gastric motility"	9	L10
USPT,PGPB,JPAB,EPAB,DWPI	metoclopramide and spray and gastroparesis	4	L9
USPT,PGPB,JPAB,EPAB,DWPI	metoclopramide near10 gastroparesis	1	L8
USPT,PGPB,JPAB,EPAB,DWPI	metoclopramide near5 gastroparesis	1	L7
USPT,PGPB,JPAB,EPAB,DWPI	metoclopramide and gastroparesis	60	L6
USPT,PGPB,JPAB,EPAB,DWPI	reglan and nasal and anti-nausea	3	L5
USPT,PGPB,JPAB,EPAB,DWPI	metoclopramide and nasal and anti-nausea	4	L4
USPT,PGPB,JPAB,EPAB,DWPI	metoclopramide and nasal and gastroparesis	4	L3
USPT,PGPB,JPAB,EPAB,DWPI	metoclopramide and nasal and dose and gastroparesis	3	L2
USPT,PGPB,JPAB,EPAB,DWPI	metoclopramide and nasal and dose	170	L1

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form](#)

Search Results:

[Expanded
search form](#)

Search for: (metoclopramide and nasal)
Database: [Electronic Journals](#)
Returned: 0 documents (Maximum set to: 50)

Search executed on: Friday, 25-Jan-02 15:40:16 EST.
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Version: 2.5.3 - production (Aug 5 1999, 14:29:26).

Search on database: journals
This database contains 42,785,833 words in 409,987 documents.
There are 1,869,204 unique words and 547 stop words.
The database was indexed using the plural stemmer

Your search:
(metoclopramide and nasal)

Is equivalent to:
(metoclopramide and AND nasal AND)

Search for 'metoclopramide', stemmed to 'metoclopramide'
'metoclopramide' occurs 93 times in 43 documents

Search for 'and', stemmed to 'and'
'and' is a stop word and is not indexed

Search for 'nasal', stemmed to 'nasal'
'nasal' occurs 1,431 times in 494 documents

The search retrieved no documents.

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Search Results:

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Search for: (metoclopramide and gastroparesis)
Database: [Electronic Journals](#)
Returned: 0 documents (Maximum set to: 50)

Search executed on: Friday, 25-Jan-02 15:39:36 EST.
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Version: 2.5.3 - production (Aug 5 1999, 14:29:26).

Search on database: journals
This database contains 42,785,833 words in 409,987 documents.
There are 1,869,204 unique words and 547 stop words.
The database was indexed using the plural stemmer

Your search:
(metoclopramide and gastroparesis)

Is equivalent to:
(metoclopramide and AND gastroparesis AND)

Search for 'metoclopramide', stemmed to 'metoclopramide'
'metoclopramide' occurs 93 times in 43 documents

Search for 'and', stemmed to 'and'
'and' is a stop word and is not indexed

Search for 'gastroparesis', stemmed to 'gastroparesi'
'gastroparesi' occurs 4 times in 2 documents

The search retrieved no documents.

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Simple Search Form:

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Search in any field:

metoclopramide and gastroparesis

Search in title only:

Search in abstract only:

Author's name (*Agnew, Agnew S.*,
or *Agnew Spiro T.*):

Search the collections

Clear the fields

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No Restriction... ▼

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L3: Entry 4 of 4

File: DWPI

Oct 11, 2001

DERWENT-ACC-NO: 2001-656967

DERWENT-WEEK: 200175

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TITLE: Treatment of gastroparesis by nasal administration of metoclopramideINVENTOR: LEHMAN, L S; OLIVER, R ; PETRONE, M ; RETZIOS, A D ; TIERNEY, D ;
TRAPNELL, C B ; YOUNG, D

PATENT-ASSIGNEE:

ASSIGNEE

CODE

QUESTCOR PHARM INC

QUESN

SHIRE US INC

SHIRN

PRIORITY-DATA: 2000US-193181P (March 30, 2000)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
WO 200174350 A1	October 11, 2001	E	038	A61K031/16

DESIGNATED-STATES: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS
LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT
TZ UA UG UZ VN YU ZA ZW AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU
MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
WO 200174350A1	March 30, 2001	2001WO-US10356	

INT-CL (IPC): A61K 31/16

ABSTRACTED-PUB-NO: WO 200174350A

BASIC-ABSTRACT:

NOVELTY - Gastroparesis is treated by nasal administration of metoclopramide,
with reduced side-effects compared with oral administration.DETAILED DESCRIPTION - A method for treating or reducing symptoms of
gastroparesis comprises administering metoclopramide (MCP) or a salt
intranasally, in a daily dosage of 40-160mg, or 0.1-2.5 mg/kg, for 1-8 weeks.ACTIVITY - Antidiabetic; anabolic; dermatological; antiparkinsonian. In a study
in patients with diabetic gastroparesis, patients received MCP nasal spray 10mg
or 20mg, or oral MCP 10 mg tablets in ratio 2:2:1, 4 times daily before meals and
at bedtime for 6 weeks. Both MCP nasal spray 10mg and 20mg showed better response
over MCP oral 10mg in total symptom scores after 6 weeks of treatment. Compared
to the oral 10mg treatment, there was a statistically significant difference in
change from baseline scores for nasal 20mg on 3 items: loss of appetite, feeling

full after eating a small amount of food, and persistent fullness after eating. A statistically significant difference was observed for nasal 10mg on feeling full after eating a small amount of food.

MECHANISM OF ACTION - Stomach muscle contraction stimulator.

USE - For treating gastroparesis caused by diabetes (type 1 or 2), postviral syndromes, anorexia nervosa, surgery on the stomach or vagus nerve, medications, particularly anticholinergics and narcotics which slow contractions in the intestine, gastroesophageal reflux disease, smooth muscle disorders (e.g. amyloidosis and scleroderma), nervous system diseases (e.g. abdominal migraine and Parkinson's disease), or metabolic disorders (e.g. hypothyroidism).

MCP may be co administered with 1 or more additional drugs.

ADVANTAGE - Compared to injectable and oral forms of MCP, intranasal administration of MCP has the advantage of being painless, effective, safe and consistent, with reduced side effects.

CHOSEN-DRAWING: Dwg.0/4

TITLE-TERMS: TREAT NASAL ADMINISTER METOCLOPRAMIDE

DERWENT-CLASS: B05

CPI-CODES: B10-D03; B14-E10B; B14-J01A3; B14-N17C; B14-S04;

CHEMICAL-CODES:

Chemical Indexing M2 *01*

Fragmentation Code

G017 G100 H1 H100 H103 H141 H181 H5 H541 H6
H602 H641 H8 J0 J011 J3 J331 M210 M211 M212
M272 M273 M281 M282 M312 M321 M332 M342 M383 M391
M414 M510 M520 M531 M540 M781 M904 M905 M910 P420
P444 P731 P816 P943

Specfic Compounds

01234K 01234T 01234U 11486K 11486T 11486U

Registry Numbers

1234U

Chemical Indexing M6 *02*

Fragmentation Code

M905 R011 R012 R023 R111 R252

UNLINKED-DERWENT-REGISTRY-NUMBERS: 1234U

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C2001-193307